

# FOLIO

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At the annual Fall Convocation of The University of Alberta, regular degrees will be granted to 1,171 graduands, in addition to 20 professional diplomas in the Faculty of Education and 77 graduate diplomas. LOUIS DESROCHERS, Chancellor of the University, will preside. Three degrees will be conferred in Agriculture, 130 in Arts, 17 in Business Administration and Commerce, 467 in Education, 13 in Engineering, 12 in Household Economics, 3 in Law, one in Medicine, 13 in Nursing, 2 in Pharmacy, 19 in Physical Education, 4 in Rehabilitation Medicine, 67 in Science, and 420 in Graduate Studies. Honorary Doctor of Laws degrees will be given to two communications experts, both former Edmontonians: MARSHALL MC LUHAN, Professor at the University of Toronto, who will give the Convocation Address, and C. S. MILLER, Research Associate in the Duplicating Division of the 3M Company in Minnesota. Their biographies follow.

Dr. McLuhan was born in Edmonton in 1911. He was educated at the University of Manitoba (BA Honors and MA), St. Louis University, and Cambridge (BA, MA, and PhD).

From 1936 to 1944 he taught at various American colleges, and from 1944 to 1946 at Assumption College in Windsor, Ontario. Dr. McLuhan has been teaching at the University of Toronto since 1946. He also has been Director of the Centre for Culture and Technology at that university since 1963.

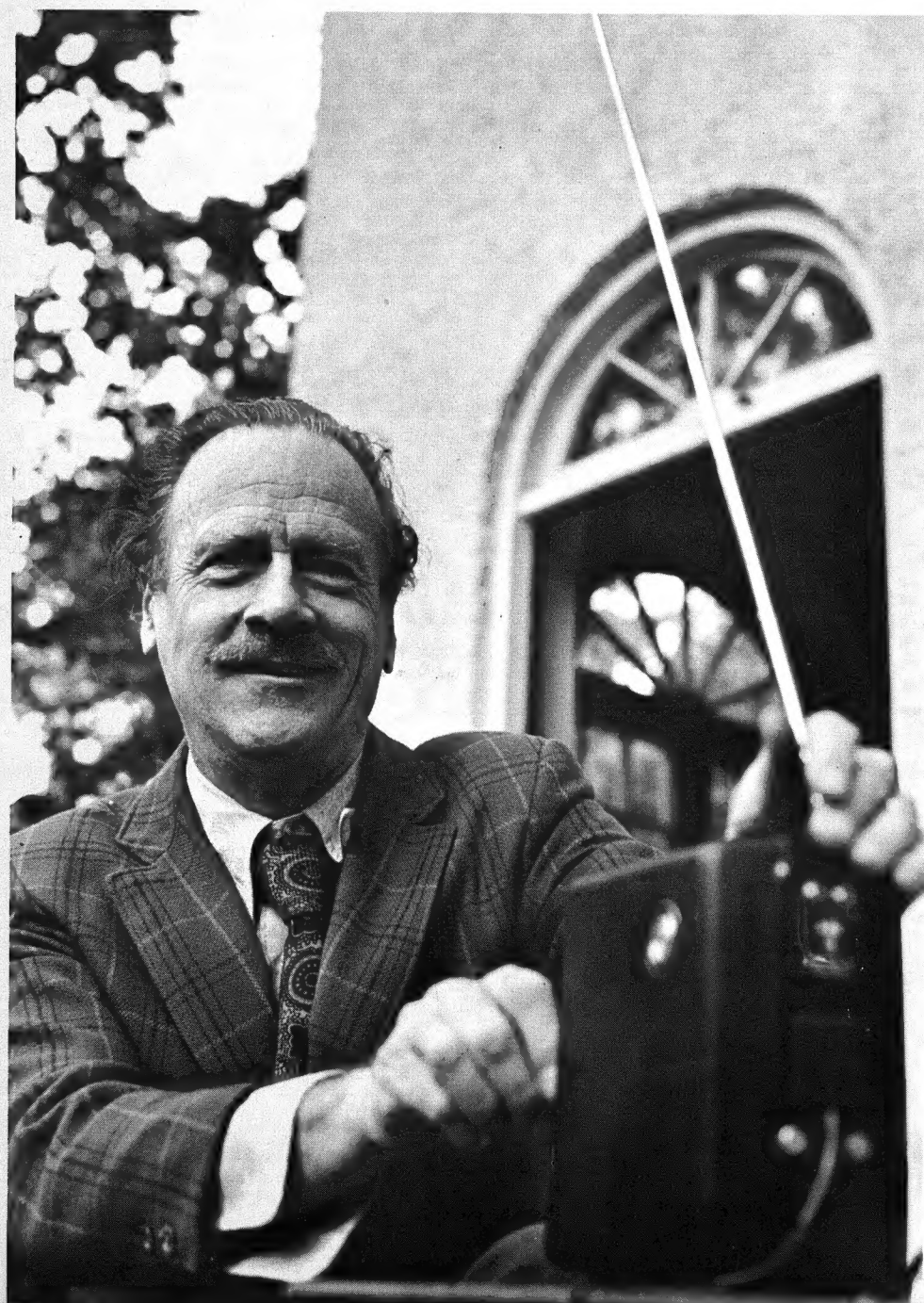
With the publication of *The Mechanical Bride* in 1951, Dr. McLuhan began to establish the reputation he now holds as a media philosopher and prophet of the electronic age. He has declared that, through the ages, the means by which man has communicated have determined his thoughts, his actions, and his life.

"Any technology gradually creates a totally new human environment," he says in *Understanding Media*. "Environments are not passive wrappings but active processes."

He views all media—books, radio, movies, television—as extensions of man, shaping his culture and determining his processes of change.

Dr. McLuhan's later publications deal with the media and man's reaction to and use of these media. His books include: *Explorations in Communication* (1960), edited with E. S. CARPENTER; *The Gutenberg Galaxy: The Making of Typographic Man* (1962); *Understanding Media: The Extensions of Man* (1964); *The Medium Is the Message* (1967), with QUENTIN FIORE; *Counterblast* (1968); *Through a Vanishing Point* (1968); and *Cliché to Archetype* (1970), with WILFRED WATSON, Professor of English at The University of Alberta.

Dr. McLuhan also has published a number of major articles on literature and communications in such periodicals as the *University of Toronto Quarterly*, *Queen's Quarterly*, *Sewanee Review*, *English Institute Essays*, and the *Humanities Research Bulletin*.





He was named a Fellow of the Royal Society of Canada in 1964 and received the Canada Council Award for outstanding achievement in the social sciences in 1967. From 1967 to 1968 he occupied the Albert Schweitzer Professorship of the Humanities at Fordham University in New York.

Dr. Miller was born in Edmonton in 1912. He completed his Bachelor of Science degree at The University of Alberta, followed by his Master of Science degree in Chemistry under the direction of the late R. B. SANDIN, Professor Emeritus at the University. He obtained his PhD in Physical Chemistry at the University of Minnesota.

Dr. Miller joined the Minnesota Mining and Manufacturing Company (3M) in 1940 as a research chemist in their Central Research Department. He later became Leader, Graphic Arts Section, Central Research. His present position as Research Associate allows him extremely wide latitude in pursuing new concepts in the graphic arts field. He is considered an expert in theoretical electrochemistry, heat sensitive recording paper, and facsimile processes that require no finishing.

He has used his expertise and training in chemistry in a unique way, initiating a virtual revolution—not in chemistry, but in communications, particularly in graphic arts.

Almost two decades before the development of Xerox, Dr. Miller initiated work on the thermographic copying process. After years of intensive and creative work, he was able to solve the many diverse problems involved. The results of his efforts are sold under the trademark Thermofax.

Dr. Miller's work in this area of graphic communication was the starting point of an array of graphic products and systems. In more recent years he has contributed strongly to the scientific achievements represented by the electrolytic electrophotography process (Filmac and Electrocolor). The technology of graphic communication has been extended by his research into means of imaging by heat,



light, pressure, electricity, electrons, and special inks. In connection with his work he has numerous scientific publications and patents.

Dr. Miller's contributions have been recognized by many different groups. Among the awards he has received are: the Centennial Medal Award—Centennial Medallion of the Columbia University School of Engineering and Applied Science, 1965; the Jaromir Kosar Memorial Award, sponsored by the New York chapter of the Society of Photographic Scientists and Engineers, 1967; the Outstanding Achievement Award, University of Minnesota, 1967; the Carlton Society Award; and the Gold Medallion of Society of Reproduction Engineers, 1968.

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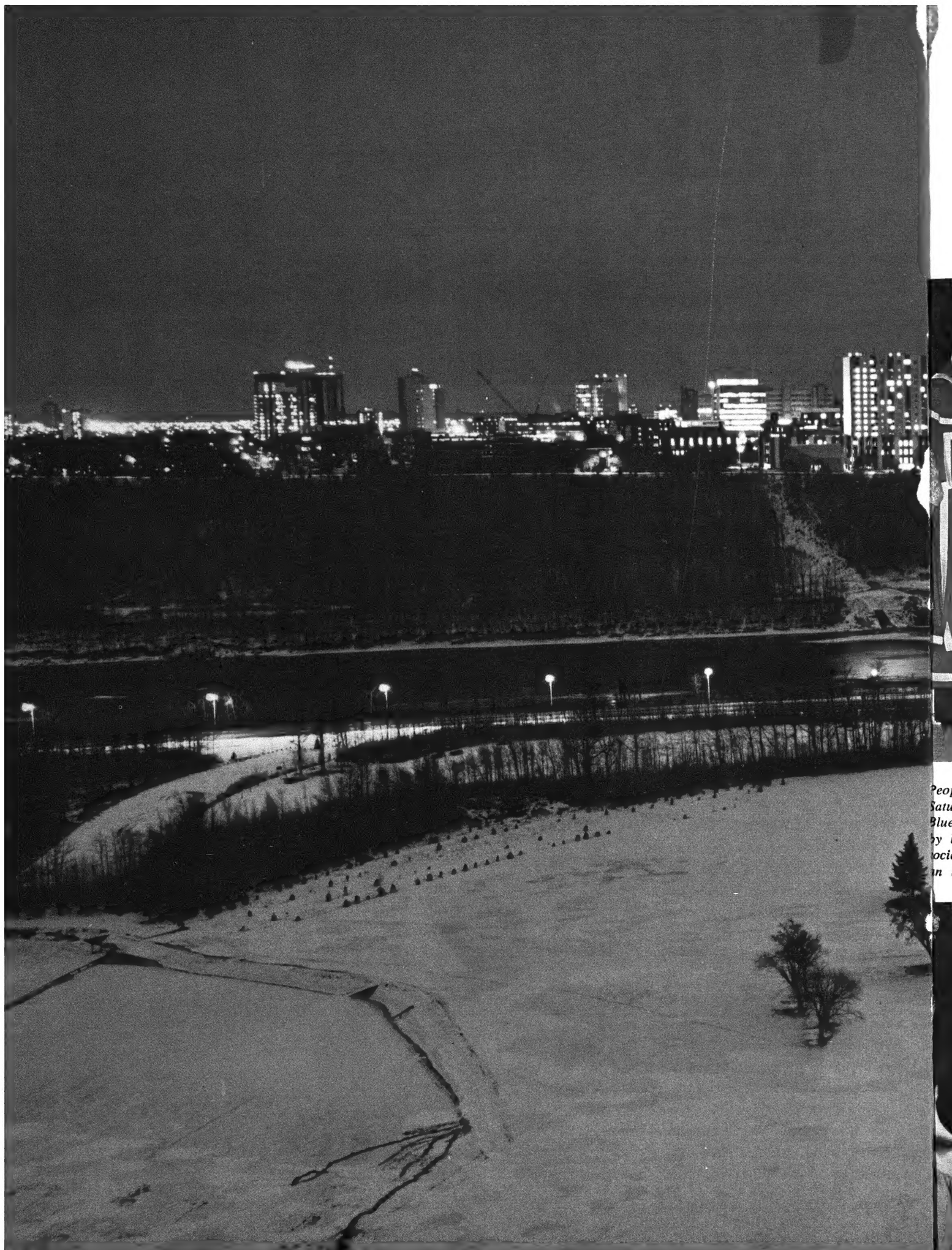
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